Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	149	memory with (test testing tester tested) and (feedback with path) and repair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 01:52
L2	9	reload with (scan adj (path chain))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 01:53
S1	55977	memory with (test testing tester tested)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 16:59
S2	22252	(memory with (test testing tester tested)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:18
S 3	6371	memory with (test testing tester tested) and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:22
S4	751	memory with (test testing tester tested) and (feedback near3 path)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:23
S5	949	memory with (test testing tester tested) and (feedback with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 10:58
S6	0	memory with (test testing tester tested) and (feedback with path) and BISR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:32
S8	100372	bit near3 (latch capacity storage register)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:37

S9	482	(memory with (test testing tester tested) and (feedback with path)) and (bit near3 (latch capacity storage register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:35
S10	50	("6667917" "6067262" "5956350" "6367042" "6651202" "5920515" "6560740" "6304989" "5987632" "5909404" "6425103" "6505308" "4918378" "5006787" "6300769" "6505313" "6640321" "6373758" "5675545" "6065134" "6249893" "5862151" "5982681" "5425035" "5577050" "5258986" "5761215" "6185709" "5748543" "6085334" "6408401" "6691252" "6718496" "5968192" "6044481" "5471482" "5936876" "6018484" "6185138" "6151692" "6167544" "6510530" "6249889" "5825785" "5668947" "5724367" "5784382" "6341092" "6388930" "5640509").pn.	USPAT	OR	ON	2004/05/26 12:08
S11	2	"6691937".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 11:44
S12	3	flare adj register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:17
S13	11	flare near3 register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 19:36
S14	37	flare with register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:19
S15	3	flare with register and bisr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 17:28

S16	164	(scan adj (latch path chain)) with feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:43
S17	1	((scan adj (latch path chain)) with feedback) and (("6667917" "6067262" "5956350" "6367042" "6651202" "5920515" "6560740" "6304989" "5987632" "5909404" "6425103" "6505308" "4918378" "5006787" "6300769" "6505313" "6640321" "6373758" "5675545" "6065134" "6249893" "5862151" "5982681" "5425035" "5577050" "5258986" "5761215" "6185709" "5748543" "6085334" "6408401" "6691252" "6718496" "5968192" "6044481" "5471482" "5936876" "6018484" "6185138" "6151692" "6167544" "6510530" "6249889" "5825785" "5668947" "5724367" "5784382" "5341092" "6388930" "5640509").pn.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 12:25
S18	138	(scan adj (path chain)) with feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 13:57
S19	2	re\$load with (scan adj (path chain))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 01:53
S20	44	memory with (test testing tester tested) and (feedback with path) and repair and scan	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 14:04
S21	50	memory with (test testing tester tested) and ((feedback) same scan) and repair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 14:05
S22	99	re\$load with scan	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 14:42

S23	2475	linear adj feedback adj shift adj register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 17:29
S24	15202	parallel near2 load	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 17:29
S25	84	(linear adj feedback adj shift adj register) and (parallel near2 load)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 19:13
S26	329	zerbe.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 19:14
S27	35	zerbe.in. and jared.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 19:14
S28	3	PURI.in. and MUKESH.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/26 19:36
S29	53146	select near2 output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:18
S30	2357	(select near2 output) and "714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:18
S31	143	(select near2 output) and 714/718. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 10:58
S32	59320	memory with (test testing tested tester)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:34

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S33	3138	(select near2 output) and (memory with (test testing tested tester))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:34
S34	1836	(select near2 output) and (memory with (test testing tested tester)) and (MUX multiplexer multiplexor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:35
S35	1683	(select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:35
S36	1096	(select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:36
S37	1058	(select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift and (sequence order)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:37
S38	851	(select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift and (sequence order) and (return feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 10:37
S39	824	(select near2 output) and (memory with (test testing tested tester)) and ((MUX multiplexer multiplexor) with output) and shift and (sequence order) and (return feedback) and register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 10:39
S40	171	(select near2 output) and 714/718. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 10:58
S41	5646057	(select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:38

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S42	147000	(select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) with register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:40
S43	71681	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:41
S44	5281	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:42
S45	5289	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:44
S46	1824	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 14:06
S47	1356	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 14:07
S48	506	((select selector selecting selected multiplexor multiplexer multiplexed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output) and (serial\$3 near3 (shift scan))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 14:08

10/12/06 2:29:00 AM C:\Documents and Settings\cbritt\My Documents\EAST\Workspaces\09872582BISR memory.wsp Page 6

			-			
S49	308	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output) and ((serial\$3 near3 (shift scan)) with output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:27
S50	1	whetsel.in. and harris.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:06
S51	30	"806244"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:07
S52	800	(compress compression compressed signature) with (compare compared comparison comparing) with (expect\$4 expected expectation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:09
S53	302	S52 and "714"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:10
S54	291	S52 and "714"/\$.ccls. and (test testing tested tester)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:10
S55	102	S52 and "714"/\$.ccls. and (test testing tested tester) and (detect detecting detection detector) and (correct correction corrected correcting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:11
S56	32	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((feedback shift output) near2 register)) and (memory with (test testing tester tested BIST BISR)) and (feedback same output) and ((serial\$3 near3 (shift scan)) with output) and ((feedback same output) same ((serial\$3 near3 (shift scan)) with output))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/10 17:28

S57	74203	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((shift\$4 scan output\$4) near2 register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 14:02
S58	74401	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same ((shift\$4 scan scanning output\$4) near2 register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 10:21
S59	51041	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) with ((shift\$4 scan scanning output\$4) near2 register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 10:22
S60	14862	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan) near2 register) and (output near2 register)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 10:25
S61	562	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan) near2 register) and (output near2 register))) same feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:31
S62	61	(((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan) near2 register) and (output near2 register))) same feedback) and ((test testing tester tested) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:31
S63	8	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) same (((shift scan) near2 register) and (output near2 register))) and ((BISR (self adj repair)) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:36
S64	18	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) and (((shift scan) near2 register) and (output near2 register))) and ((BISR (self adj repair)) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:42

						
S65	10	S64 not S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:41
S66	42	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) and (((shift scan) near2 register) and output)) and ((BISR (self adj repair)) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:42
S67	24	S66 not S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:53
S68	18	(britt harris).xa. and "714"/\$.ccor. and (parallel near2 (test testing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 13:56
S69	62	(britt harris).xa. and "714"/\$.ccor. and parallel not whetsel.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 14:01
S70	609	parallel with mux with output	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 14:02
S72	34	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) and output and parallel and (test testing tester) and register and strobe).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 14:03
S73	145	memory with (test testing tester tested) and (feedback with path) and repair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 01:52
S74	42	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) and (((shift scan) near2 register) and output)) and ((BISR (self adj repair)) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 11:03

S75	42	((select selector selecting selected multiplexor multiplexer multiplxed multiplexing switch switching switched MUX) and (((shift scan) near2 register) and output)) and ((BISR (self adj repair)) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 11:21
S76	3	"4344155".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 12:36

Search History

Patent - FT

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Set
        Items
                Description
S1
       467508
                REGISTER? ? OR LATCH OR LATCHES OR FLIP() FLOP? ?
S2
      1824813
                OUTPUT? ? OR OUT()PUT? ?
S3
      1101686
                SERIES OR SERIAL OR SERIALLY OR SERIALI?ED
S4
        22249
                S1 (10N) (FEEDBACK? ? OR LOOP? ? OR LOOPED OR LOOPING OR
(P-
             UT OR PUTTING OR INPUT? OR PLACE? ? OR PLACING OR INSERT??
OR
             INSERTING OR INSERTION? ? OR FEED OR FED OR
FEEDING) () BACK? ?
             OR RETURN?? OR RETURNING )
S5
         5322
                S2 (10N) S4
S6
          355
                S5 (7N) (SEQUENCE? ? OR SEQUENCING OR ORDER OR ORDERED
OR -
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S7
                S5 (7N) (SEQUENTIALLY OR SERIALLY OR SUCCESSION OR
SUCCESS-
             IVELY)
S8
          431
                S6 OR S7
S9
        23495
                S1 (10N) S3
S10
           68
                S8 (30N) S9
S11
           56
                S10 AND AY=1963:2001
S12
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                IDPAT (sorted in duplicate/non-duplicate order)
S13
           52
                IDPAT (primary/non-duplicate records only)
S14
                S11 AND IC=G01R
           14
S15
           14
                IDPAT (sorted in duplicate/non-duplicate order)
S16
           13 IDPAT (primary/non-duplicate records only)
           25
                S11 AND IC=G06F
S17
S18
           16
                S17 NOT S16
                IDPAT (sorted in duplicate/non-duplicate order)
S19
           16
      16 IDPAT (primary/non-duplicate records only)
S20
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S21
                SHIFT()S1 OR LFSR
S22
          239
                S8 (30N) S21
S23
           15
                S22 AND IC=G01R
S24
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                S23 NOT (S16 OR S20)
S25
            7
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              IDPAT (primary/non-duplicate records only)
File 348: EUROPEAN PATENTS 1978-2006/ 200640
         (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20061005UT=20060928
         (c) 2006 WIPO/Thomson
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File 350:Derwent WPIX 1963-2006/UD=200664

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Patent - Bib

- Set Items Description
- S1 145869 REGISTER? ? OR LATCH OR LATCHES OR FLIP()FLOP? ?
- S2 1043519 OUTPUT? ? OR OUT()PUT? ?
- S3 148598 SERIES OR SERIAL OR SERIALLY OR SERIALI?ED
- 2705 S1 (10N)(FEEDBACK? ? OR LOOP? ? OR LOOPED OR LOOPING OR (P-UT OR PUTTING OR INPUT? OR PLACE? ? OR PLACING OR INSERT?? OR INSERTING OR INSERTION? ? OR FEED OR FEEDING)()BACK? ? OR RETURN?? OR RETURNING)
- S5 136 S4 (10N) (SEQUENCE? ? OR SEQUENCING OR SEQUENTIALLY OR ORDER OR ORDERED OR ORDERING OR SERIALLY OR SUCCESSION OR SUCCESSIVELY OR CONSECUTIVE?)
- S6 42 S5 (10N) S2
- S7 39 S6 AND PY=1976:2001
- S8 19 S7 AND IC=(G06F OR G01R)
- S9 19 IDPAT (sorted in duplicate/non-duplicate order)
- S10 19 IDPAT (primary/non-duplicate records only)
- File 347:JAPIO Dec 1976-2006/Jan(Updated 061009)
 - (c) 2006 JPO & JAPIO

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File 347: JAPIO Nov 1976-2004/Jul (Updated 041102)
         (c) 2004 JPO & JAPIO
File 350: Derwent WPIX 1963-2004/UD, UM &UP=200471
         (c) 2004 Thomson Derwent
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                ORDER? OR SEQUENCE?
S4
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                IN()S3
S5
        26433
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             N??? ? OR RETENTION?)
S6
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             OR XFER? OR SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS?
S7
      2346099
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S8
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      1670275
             OVES OR MOVING
S9
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S14
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              KEEP??? ? OR RETAIN? OR RETENTION?)
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                S1 AND (S2 OR S10)
S16
           13
                S15 AND S13:S14
S17
         1709
                SEQUENT? (3N) (SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR
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             ETAIN? OR RETENTION?)
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S18
                (S6:S8 OR S11) (5N) (S4:S5 OR S17)
S19
           18
                S15 AND S18
S20
           21
                S16 OR S19
           21
                IDPAT (sorted in duplicate/non-duplicate order)
S21
S22
           21
                IDPAT (primary/non-duplicate records only)
22/9/2
          (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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013989579
             **Image available**
WPI Acc No: 2001-473793/200151
 High speed de-interleaving device mixed with bit synchronization and
 method thereof
Patent Assignee: SEOUL MOBILE TELECOM (SEOU-N); SEOUL MOBILE TELECOM CORP
Inventor: LEE S J; SHIN J Y; SIM J Y; SHIM J Y
Number of Countries: 001 Number of Patents: 002
Patent Family:
Patent No
                              Applicat No
              Kind
                     Date
                                             Kind
                                                    Date
                                                              Week
KR 2001010002 A
                   20010205 KR 9928672
                                                  19990715
                                              Α
                                                             200151 B
KR 336290
               В
                   20020513 KR 9928672
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                                                            200273
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Priority Applications (No Type Date): KR 9928672 A 19990715

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File 348: EUROPEAN PATENTS 1978-2004/Oct W05
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041104,UT=20041028
         (c) 2004 WIPO/Univentio
Set
        Items
                Description
S1
        17397
                SHIFT(1W) (REGISTER? ? OR REGISTRE? ?) OR SHIFTREGIST? OR L-
             ATERAL (1W) CIRCUIT? OR LFSR? ?
S2
         6146
                 (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(1W)(REGISTER? ? OR
              REGISTRE? ?)
      1068804
S3
                ORDER? OR SEQUENCE?
S4
       890428
                IN()S3
S5
       145832
                S3(3N) (SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR MAINT-
             ENANCE? OR PRESERV??? ? OR PRESERVATION OR KEEP??? ? OR RETAI-
             N??? ? OR RETENTION?)
                FEDBACK OR FEED??? ? OR FEEDBACK? OR FED OR TRANSFER???? ?
S6
      1228502
             OR XFER? OR SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS?
S7
      1015548
                EXCHANG??? ? OR RECEIPT OR RECEIVE OR RECEIVES OR RECEIVED
             OR RECEIVING OR DELIVER ??? ? OR REDIRECT? OR RE() DIRECT??? ?
S8
       693890
                ROUTE OR ROUTES OR ROUTED OR ROUTING OR MOVE OR MOVED OR M-
             OVES OR MOVING
S9
       428162
                S6:S8(3N)(VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORM-
             ATION OR SIGNAL? ? OR PULSE OR PULSES)
S10
        25862
                S9(5N)S4:S5
S11
         1013
                S1 (25N) S2
S12
                S11(25N)S10
           10
S13
       112742
                S6:S8(5N)S4:S5
S14
          979
                S1(20N)S2
S15
           18
                S14 (25N) S13
S16
           10
                S15 NOT S12
S17
           10
                IDPAT (sorted in duplicate/non-duplicate order)
S18
            8
                IDPAT (primary/non-duplicate records only)
S19
        13056
                 (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(3W)(REGISTER? ? OR
              REGISTRE? ?)
S20
         3718
                S1(25N)S19
S21
           43
                S20 (25N) S13
S22
           24
                S20 (25N) S10
S23
           24
                S21:S22 NOT (S12 OR S16)
S24
           24
                IDPAT (sorted in duplicate/non-duplicate order)
S25
           24
                IDPAT (primary/non-duplicate records only)
S26
         2154
                RESEED? OR RE()SEED??? ? OR REFEED? OR REFED OR REFEDBACK?
S27
           24
                S26(3N) (VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORMAT-
             ION OR SIGNAL? ? OR PULSE OR PULSES)
S28
         4965
                SEQUENT? (3N) (SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR
             MAINTENAN? OR PRESERV???? ? OR PRESERVATION? OR KEEP??? ? OR R-
             ETAIN? OR RETENTION?)
S29
        25917
                 (S9 OR S27) (5N) (S4:S5 OR S28)
S30
         3653
                S1(20N)(S2 OR S19)
S31
           22
                S30 (25N) S29
       113085
S32
                (S6:S8 OR S26) (5N) (S4:S5 OR S28)
S33
           40
                S30 (25N) S32
S34
            0
                S33 NOT (S12 OR S16 OR S25)
```

```
File
       6:NTIS 1964-2004/Oct W5
         (c) 2004 NTIS, Intl Cpyrght All Rights Res
File
       2:INSPEC 1969-2004/Oct W5
         (c) 2004 Institution of Electrical Engineers
File
       8:Ei Compendex(R) 1970-2004/Oct W5
         (c) 2004 Elsevier Eng. Info. Inc.
File
      34:SciSearch(R) Cited Ref Sci 1990-2004/Oct W5
         (c) 2004 Inst for Sci Info
File
      35:Dissertation Abs Online 1861-2004/Oct
         (c) 2004 ProQuest Info&Learning
File
      65:Inside Conferences 1993-2004/Nov W1
         (c) 2004 BLDSC all rts. reserv.
File
      94:JICST-EPlus 1985-2004/Oct W2
         (c) 2004 Japan Science and Tech Corp(JST)
      95:TEME-Technology & Management 1989-2004/Jun W1
File
         (c) 2004 FIZ TECHNIK
File
      99: Wilson Appl. Sci & Tech Abs 1983-2004/Sep
         (c) 2004 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Nov 03
         (c) 2004 The Gale Group
File 144: Pascal 1973-2004/Oct W5
         (c) 2004 INIST/CNRS
File 202: Info. Sci. & Tech. Abs. 1966-2004/Nov 02
         (c) 2004 EBSCO Publishing
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 266: FEDRIP 2004/Aug
         Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 483: Newspaper Abs Daily 1986-2004/Nov 06
         (c) 2004 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 603: Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
Set
        Items
                Description
S1
        16008
                SHIFT(1W) (REGISTER? ? OR REGISTRE? ?) OR SHIFTREGIST? OR L-
             ATERAL (1W) CIRCUIT? OR LFSR? ?
S2
                (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(1W)(REGISTER? ? OR
          554
              REGISTRE? ?)
S3
      5618361
                ORDER? OR SEQUENCE?
      1717111
S4
                IN()S3
S5
       106866
                S3(3N)(SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR MAINT-
             ENANCE? OR PRESERV???? ? OR PRESERVATION OR KEEP??? ? OR RETAI-
             N??? ? OR RETENTION?)
S6
      5895085
                FEDBACK OR FEED??? ? OR FEEDBACK? OR FED OR TRANSFER???? ?
             OR XFER? OR SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS?
S7
      3353251
                EXCHANG??? ? OR RECEIPT OR RECEIVE OR RECEIVES OR RECEIVED
             OR RECEIVING OR DELIVER ??? ? OR REDIRECT? OR RE()DIRECT??? ?
S8
                ROUTE OR ROUTES OR ROUTED OR ROUTING OR MOVE OR MOVED OR M-
      1781862
             OVES OR MOVING
S9
       671319
                S6:S8(3N)(VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORM-
             ATION OR SIGNAL? ? OR PULSE OR PULSES)
                (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(3W)(REGISTER? ? OR
S10
        1001
              REGISTRE? ?)
S11
         6637
                RESEED? OR RE()SEED??? ? OR REFEED? OR REFED OR REFEDBACK?
S12
          142
                S11(3N)(VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORMAT-
             ION OR SIGNAL? ? OR PULSE OR PULSES)
S13
                (S9 OR S12) (5N) S4:S5
```

8 (S9 OR S12)(5N)SEQUENT?(3N)(SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR MAINTENAN? OR PRESERV????? OR PRESERVATION? OR
KEEP????? OR RETAIN? OR RETENTION?)
S15 183 S1 AND (S2 OR S10)
S16 0 S15 AND S13:S14
S17 2777 SEOUENT?(3N)(SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR

2777 SEQUENT?(3N)(SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR MAINTENAN? OR PRESERV????? OR PRESERVATION? OR KEEP????? OR RETAIN? OR RETENTION?)

S18 40442 (S6:S8 OR S11) (5N) (S4:S5 OR S17)

S19 2 S15 AND S18

S20 1 RD (unique items)

? t20/k

20/K/1 (Item 1 from file: 2)

DIALOG(R) File 2:(c) 2004 Institution of Electrical Engineers. All rts. reserv.

Abstract: In order to make a register transfer structure testable, it is usually divided into functional blocks that can be tested independently by...

 \dots of each block. The test responses of a block are compacted or observed at its **output register**. In this paper a unified method for assembling all the single tests to a global...

...Descriptors: shift registers

?

```
9:Business & Industry(R) Jul/1994-2004/Nov 04
File
         (c) 2004 The Gale Group
     13:BAMP 2004/Oct W3
File
         (c) 2004 The Gale Group
File
     16:Gale Group PROMT(R) 1990-2004/Nov 08
         (c) 2004 The Gale Group
File
     47:Gale Group Magazine DB(TM) 1959-2004/Nov 08
         (c) 2004 The Gale group
File 148: Gale Group Trade & Industry DB 1976-2004/Nov 08
         (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275: Gale Group Computer DB(TM) 1983-2004/Nov 08
         (c) 2004 The Gale Group
File 570: Gale Group MARS(R) 1984-2004/Nov 08
         (c) 2004 The Gale Group
File 621: Gale Group New Prod. Annou. (R) 1985-2004/Nov 08
         (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 08
         (c) 2004 The Gale Group
File 649: Gale Group Newswire ASAP(TM) 2004/Nov 01
         (c) 2004 The Gale Group
Set
        Items
                Description
S1
                SHIFT(1W) (REGISTER? ? OR REGISTRE? ?) OR SHIFTREGIST? OR L-
             ATERAL(1W) CIRCUIT? OR LFSR? ?
S2
                (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(1W)(REGISTER? ? OR
              REGISTRE? ?)
S3
      6013503
                ORDER? OR SEQUENCE?
S4
      1704802
                IN()S3
S5
       144050
                S3(3N) (SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR MAINT-
             ENANCE? OR PRESERV???? ? OR PRESERVATION OR KEEP??? ? OR RETAI-
             N??? ? OR RETENTION?)
S6
                FEDBACK OR FEED??? ? OR FEEDBACK? OR FED OR TRANSFER???? ?
             OR XFER? OR SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS?
S7
     12515837
                EXCHANG??? ? OR RECEIPT OR RECEIVE OR RECEIVES OR RECEIVED
             OR RECEIVING OR DELIVER ??? ? OR REDIRECT? OR RE() DIRECT??? ?
                ROUTE OR ROUTES OR ROUTED OR ROUTING OR MOVE OR MOVED OR M-
S8
      5617973
             OVES OR MOVING
S9
                S6:S8(3N)(VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORM-
             ATION OR SIGNAL? ? OR PULSE OR PULSES)
S10
         2275
                (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(3W)(REGISTER? ? OR
S11
         2243
                RESEED? OR RE()SEED??? ? OR REFEED? OR REFED OR REFEDBACK?
S12
                S11(3N)(VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORMAT-
             ION OR SIGNAL? ? OR PULSE OR PULSES)
S13
         6880
                (S9 OR S12) (5N) S4:S5
S14
                (S9 OR S12)(5N)SEQUENT?(3N)(SAME OR IDENTICAL OR SELFSAME -
           25
             OR MAINTAIN? OR MAINTENAN? OR PRESERV??? ? OR PRESERVATION? OR
              KEEP??? ? OR RETAIN? OR RETENTION?)
S15
           70
                S1(S)(S2 OR S10)
S16
            Ω
                S15(S)S13:S14
         1969
S17
                SEQUENT? (3N) (SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR
             MAINTENAN? OR PRESERV???? ? OR PRESERVATION? OR KEEP??? ? OR R-
             ETAIN? OR RETENTION?)
S18
        85621
                (S6:S8 OR S11) (5N) (S4:S5 OR S17)
S19
            0
                S15(S)S18
```

```
File 696:DIALOG Telecom. Newsletters 1995-2004/Nov 05
         (c) 2004 The Dialog Corp.
      15:ABI/Inform(R) 1971-2004/Nov 06
File
         (c) 2004 ProQuest Info&Learning
File
      98:General Sci Abs/Full-Text 1984-2004/Sep
         (c) 2004 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
         (c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Sep
         (c) 2004 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2004/Oct W5
         (c) 2004 ProQuest
File 608:KR/T Bus.News. 1992-2004/Nov 08
         (c) 2004 Knight Ridder/Tribune Bus News
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2004/Nov 08
         (c) 2004 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2004/Nov 05
         (c) 2004 ProQuest Info&Learning
File 810: Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610: Business Wire 1999-2004/Nov 08
         (c) 2004 Business Wire.
File 369: New Scientist 1994-2004/Oct W4
         (c) 2004 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File
      20:Dialog Global Reporter 1997-2004/Nov 08
         (c) 2004 The Dialog Corp.
File 624:McGraw-Hill Publications 1985-2004/Nov 05
         (c) 2004 McGraw-Hill Co. Inc
File 634: San Jose Mercury Jun 1985-2004/Nov 06
         (c) 2004 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2004/Oct W5
         (c) 2004 CMP Media, LLC
File 674: Computer News Fulltext 1989-2004/Sep W1
         (c) 2004 IDG Communications
Set
        Items
                Description
S1
          705
                SHIFT(1W) (REGISTER? ? OR REGISTRE? ?) OR SHIFTREGIST? OR L-
             ATERAL(1W)CIRCUIT? OR LFSR? ?
S2
                (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(1W)(REGISTER? ? OR
              REGISTRE? ?)
S3
      6940974
                ORDER? OR SEQUENCE?
S4
      2057032
                IN()S3
S5
       191682
                S3(3N)(SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR MAINT-
             ENANCE? OR PRESERV???? ? OR PRESERVATION OR KEEP??? ? OR RETAI-
             N??? ? OR RETENTION?)
                FEDBACK OR FEED??? ? OR FEEDBACK? OR FED OR TRANSFER???? ?
S6
      6962596
             OR XFER? OR SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS?
S7
     13103376
                EXCHANG??? ? OR RECEIPT OR RECEIVE OR RECEIVES OR RECEIVED
             OR RECEIVING OR DELIVER ??? ? OR REDIRECT? OR RE() DIRECT? ??
      7523649
S8
                ROUTE OR ROUTES OR ROUTED OR ROUTING OR MOVE OR MOVED OR M-
             OVES OR MOVING
      1404942
S9
                S6:S8(3N) (VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORM-
             ATION OR SIGNAL? ? OR PULSE OR PULSES)
S10
         1130
                (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(3W)(REGISTER? ? OR
              REGISTRE? ?)
         4363
                RESEED? OR RE()SEED??? ? OR REFEED? OR REFED OR REFEDBACK?
S11
S12
           61
                S11(3N)(VALUE OR VALUES OR BIT OR BITS OR DATA OR INFORMAT-
```

	IC	ON OR SIGNAL? ? OR PULSE OR PULSES)
S13	5395	(S9 OR S12)(5N)S4:S5
S14	20	(S9 OR S12) (5N) SEQUENT? (3N) (SAME OR IDENTICAL OR SELFSAME -
	OF	MAINTAIN? OR MAINTENAN? OR PRESERV???? ? OR PRESERVATION? OR
	F	KEEP??? ? OR RETAIN? OR RETENTION?)
S15	14	S1(S)(S2 OR S10)
S16	0	S15(S)S13:S14
S17	2239	SEQUENT? (3N) (SAME OR IDENTICAL OR SELFSAME OR MAINTAIN? OR
	MA	AINTENAN? OR PRESERV???? ? OR PRESERVATION? OR KEEP??? ? OR R-
	ΕΊ	'AIN? OR RETENTION?)
S18	90479	(S6:S8 OR S11) (5N) (S4:S5 OR S17)
S19	0	S15(S)S18
?		

```
File 347: JAPIO Nov 1976-2004/Jul (Updated 041102)
         (c) 2004 JPO & JAPIO
File 350: Derwent WPIX 1963-2004/UD, UM &UP=200471
         (c) 2004 Thomson Derwent
File 348: EUROPEAN PATENTS 1978-2004/Oct W05
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041104,UT=20041028
         (c) 2004 WIPO/Univentio
Set
        Items
                Description
S1
           13
                AU=PURI M?
S2
           39
                AU=AGRAWAL G?
S3
           38
                AU=CROSBY T?
S4
        55909
                SHIFT(1W) (REGISTER? ? OR REGISTRE? ?) OR SHIFTREGIST? OR L-
             ATERAL(1W) CIRCUIT? OR LFSR? ?
S5
           89
                S1:S3
S6
                S5 AND S4
S7
        12907
                (OUTPUT? OR OUT()PUT???? ? OR RESULT? ?)(1W)(REGISTER? ? OR
              REGISTRE? ?)
S8
            0
                S5 AND S7
? t6/9
 6/9/1
           (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
016319823
             **Image available**
WPI Acc No: 2004-477718/200445
XRPX Acc No: N04-376439
  Fault e.g. control fault, testing method for dual port first-in-first-out
  memory device, involves executing read operations concurrently with write
  operation of data values into memory location set and at fixed memory
  addresses
Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: IRRINKI V S; PURI M; ZHAO J
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No
             Kind
                     Date
                             Applicat No
                                            Kind
                                                   Date
US 6757854
              B1 20040629 US 99397542
                                             Α
                                                 19990916 200445 B
Priority Applications (No Type Date): US 99397542 A 19990916
Patent Details:
Patent No Kind Lan Pg
                         Main IPC
                                     Filing Notes
US 6757854
                  35 G11C-029/00
             B1
Abstract (Basic): US 6757854 B1
        NOVELTY - The method involves writing preset data values to two
    sets of memory locations. A series of read operations is performed to
```

one memory location set. The read operations are executed concurrently with a write operation into another memory location set and at a fixed number of memory addresses away from the write operation. Each read operation is determined whether it returns a preset data value written into the former set.

USE - Used for testing fault e.g. control fault, shift fault, full and empty flags fault, inter-port fault and reset/retransmit fault, in a pointer-based dual port first-in-first-out (claimed) memory device.

ADVANTAGE - The method utilizes a sequence of read and write operations, thereby efficiently and reliably detecting memory faults and avoiding the need to directly observe internal values within the first-in-first-out memory, such as the full and empty flag values and

the **shift** register values. DESCRIPTION OF DRAWING(S) - DESCRIPTION OF DRAWING - The drawing shows a memory test circuit. First-in-first-out (800) Control logic (804) Write register (808) Write bus (812) Read register (816) pp; 35 DwgNo 8/8 Title Terms: FAULT; CONTROL; FAULT; TEST; METHOD; DUAL; PORT; FIRST; FIRST; MEMORY; DEVICE; EXECUTE; READ; OPERATE; CONCURRENT; WRITING; OPERATE; DATA; VALUE; MEMORY; LOCATE; SET; FIX; MEMORY; ADDRESS Derwent Class: U13; U14 International Patent Class (Main): G11C-029/00 File Segment: EPI Manual Codes (EPI/S-X): U13-C07; U14-A07; U14-A08; U14-D01B



☐ Search Result - Print Format

< Back to Previous Page

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEEE CNF = IEEE Standard

1. Relating the cyclic behavior of linear and intrainverted feedback shift registers

Guha, A.; Kinney, L.L.; Computers, IEEE Transactions on Volume 41, Issue 9, Sept. 1992 Page(s):1088 - 1100 IEEE JNL

2. Linear complexity of a type of clock-controlled sequence

Liu Xian; Xiao Guozhen; Electronics Letters Volume 28, Issue 8, 9 April 1992 Page(s):709 - 710 IEE JNL

Fibonacci and Galois mode feedback with carry shift registers

Goresky, M.; Klapper, A.; Information Theory, 2001. Proceedings. 2001 IEEE International Symposium on 24-29 June 2001 Page(s):94 IEEE CNF

4. A minimal hardware overhead BIST data compaction scheme

Wu, Y.; Ivanov, A.;
ASIC Conference and Exhibit, 1992., Proceedings of Fifth Annual IEEE International 21-25 Sept. 1992 Page(s):368 - 371
IEEE CNF

5. A coding theoretic approach to attack certain stream ciphers

Chepyzhov, V.; Smeets, B.; Information Theory, 1994. Proceedings., 1994 IEEE International Symposium on 27 June-1 July 1994 Page(s):367 IEEE CNF

6. Diagnosis by repeated application of specific test inputs and by output monitoring of the MISA

Gossel, M.; Ocheretnij, V.; Chakrabarty, S.; Test Symposium, 2001. Proceedings. 10th Asian 19-21 Nov. 2001 Page(s):57 - 62 IEEE CNF

7. On interval linear complexity of binary sequences

Balakirsky, V.B.; Information Theory, 1995. Proceedings., 1995 IEEE International Symposium on 17-22 Sept. 1995 Page(s):490 IEEE CNF

8. Adaptive fuzzy frequency hopper

Pacini, P.J.; Kosko, B.; Communications, IEEE Transactions on Volume 43, Issue 6, June 1995 Page(s):2111 - 2117 IEEE JNL

9. BIST linear generator based on complemented outputs

Lew Yan Voon, L.F.C.; Dufaza, C.; Landrault, C.; VLSI Test Symposium, 1992. '10th Anniversary. Design, Test and Application: ASICs and Systems-on-a-Chip', Digest of Papers., 1992 IEEE

7-9 April 1992 Page(s):137 - 142 **IEEE CNF**

10. Design of Diagnosable Sequential Machines Utilizing Extra Outputs

Fujiwara, H.; Kinoshita, K.; Computers, IEEE Transactions on Volume C-23, Issue 2, Feb. 1974 Page(s):138 - 145

11. On the complexity of nonlinear nonbinary sequences

Lam, M.S.; Komo, J.J.; Southeastcon '88., IEEE Conference Proceedings 11-13 April 1988 Page(s):669 - 673 **IEEE CNF**



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